

FIG. 1

CD2BP1 PSTPIP	MMPQLQFKDA MMAQLQFRDA	FWCRDFTAHT FWCRDFTAHT	GVEVLLQRLL GVEVLLGRLL	DGRKMCKDME DGRKMCKDVE	ELLRQRAQAE ELLRQRAQAE	50
CD2BP1 PSTPIP	ERYGKELVQI ERYGKELVQI	ARKAGGQTEI ARKAGGQTEM	NSLRASFDSL NSLRTSFDSL	KQQMENVGSS KQQTENVGSA	HIQLALTLRE HIQLALALRE	100
CD2BP1 PSTPIP	ELRSLEEFRE ELRSLEEFRE	RQKEQRKKYE RQKEQRKKYE	AVMDRVQKSK AIMDRVQKSK	LSLYKKAMES LSLYKKTMES	KKTYEQKCRD KKAYDQKCRD	150
CD2BP1 PSTPIP	ADDAEQAFER ADDAEQAFER	ISANGHQKQV VSANGHQKQV	EKSQNKARQC EKSQNKAKQC	KDSATEAERV KESATEAERV	YRQSIAQLEK YRGNIEQLER	200
CD2BP1 PSTPIP	VRAEWEQEHR ARTEWEQEHR	TTCEAFQLQE TTCEAFQLQE	FDRLTILRNA FDRLTILRNA	LWVHSNQLSM LWVHCNQLSM	QCVKDDDELYE QCVKDDDELYE	250
CD2BP1 PSTPIP	EVRLTLEGCS EVRLTLEGCD	IDADIDSFIQ VEGDINGFIQ	AKSTGTEPPA SKSTGREPPA	PVPYQNY YDR PVPYQNY YDR	EVTPLTSSPG EVTPLIGSPS	300
CD2BP1 PSTPIP	IQPSCGMIKR IQPSCGVIKR	FSGLLHGSPK FSGLLHGSPK	TTSLAASAAS TTP—SAPAAS	TETLTPTPER TETLTPTPER	NEGVYTAIAV NELVYASIEV	350
CD2BP1 PSTPIP	QEIQGNPASP QATQGNLNSS	AQEYRALYDY AQDYRALYDY	TAQNPDELDL TAQNSDELDI	SAGDILEVIL SAGDILAVIL	EGEDGWWTVE EGEDGWWTVE	400
CD2BP1 PSTPIP	RNGQRGFVPG RNGQRGFVPG	SYLEKL SYLEKL				416

FIG. 2

5' UTR

-216 gcggccgcgt cgacaacaaa acaggttgag ctttttctc ccctcagaag ctctctctg
-156 gctcgtggct gccttctgag tgttgacagac ggcgccggcc gggaaggggg gcctggggcca
-96 gccctgccag gactgggacg ctgctgctgg cgcttgcccc tccatcaggc cagcctgtgg

→1F

-36 caggagagtg agctttgccg cggcagacgc ctgaggatga **tgccccagct gcagttcaaa**
↳ 1

25 **gatgcctttt ggtgcaggga cttcacagcc cacacgggct** acgaggtgct gctgcagcgg
↳ 2

85 **cttctgggatg gcaggaagat gtgcaaagac atggaggagc tactgaggca gagggcccag**
↳ 3

145 **gcgaggagc ggtacgggaa ggagctggtg cagatcgcac ggaaggcagg tggccagacg**
→2F

205 **gagatcaact ccctgagggc ctcttttgac tcttgaagc agcaaatgga gaatgtggc**
↳ 4 ↳ 5

265 **agctcacaca tccagctggc cctgaccctg cgtgaggagc tgcggagtct cgaggagttt**
→6

325 **cgtgagaggc agaaggagca gaggaagaag** **tatgaggccg tcatggaccg ggtccagaag**
↳ 1R →3F

385 **agcaagctgt cgtctacaa gaagcccagc** **gattccaaga agacatacga gcagaagtgc**
↳ 7

445 **cgggacgcgg acgacgcgga gcaggccttc gagcgcatta gcgccaacgg ccaccagaag**

505 **caggtggaga agagtcagaa caaagccagg cagtgcagg actcggccac cgaggcagag**
↳ 8 ↳ 2R ↳ 9

565 **cggtataca ggcagagcat tgcgcagctg gagaaggtec gggctgagtg ggagcaggag**

625 **caccggacca cctgtgaggc ctttcagctg caagagtttg accggctgac cattctccg**
A ↳ 10 →4F

685 **aacGcctctt ggtgcacag caaccagctc tccatgcagt gtgtcaagga tgatgagctc**
C ↳ 11

745 **tacGaggaag tgcggctgac gctggaagge tgcagcatag acgccgacat cgacagtttc**
↳ 3R →5F

805 **atccaggcca agagcacggg cacagagccc cccgtctcgg tgccctacca gaactattac**
↳ 1038R ↳ 12

865 **gatcgggagg tcaccccgct gaccagcage cctggcatac agccgtectg cggeatgata**

925 **aagaggttct ctggactgct gcacggaagt cccaagacca cttcgttggc agcttctgct**
↳ 13

985 **gcgtccacag agacctgac ccccaecccc gagccgaatg aggggtgcta cacagccatc**
↳ 14 ↳ 4R

1045 **gcagtgcagg agatacaggg aaacccggcc tcaccagccc aggagtaccg ggogctctac**
→6F

1105 **gattatacag cgcagaaccc agatgagctg gacctgtccg cgggagacat cctggaggtg**
↳ 15

1165 **atcctggaag gggaggatgg ctggtggact gtggagagga acgggcagcg tggcttcgtc**
↳ 5R

1225 **cctggttcct acctggagaa gctttgagga agggccagga gcccttcgg acctgcctg**
↳ 3' UTR

1285 ccagtggagc cagcagtgcc ccagcactg tccccacctt gctagggccc agaaccaagc

1345 gtccccagc cccgagaggg agcctgtcgt ctcccaggga ataaaggagt **gcgttctgtt**

1405 **ctaaaaaaaa aaaaaaaaaa aaaagtcgac gcggccgc**
↳ 6R